division of

Community Health Programs

MANITOBA

DEPARTMENT OF HEALTH

MATERNAL AND CHILD CARE

VITAL STATISTICS

8TH UPDATE

1982 MANITOBA VITAL STATISTICS

PREPARED BY:

STATISTICS
DEPARTMENT OF HEALTH

RELEASED: NOVEMBER 1983

PS-1-25

MANITOBA

Inter-Departmental Memo

Date November, 1983

To RECIPIENTS OF MATERNAL AND CHILD CARE UPDATE

From Dr. J.R. Mitchell
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Subject MATERNAL AND CHILD CARE 8TH UPDATE
1982 MANITOBA VITAL STATISTICS

First | Fold

This is the eighth update to the Maternal and Child Care Report, and employs 1982 Vital Statistics for Manitoba Regions and Winnipeg Districts and December 1, 1982 Manitoba Health Services Commission figures for regional populations. The format has remained unchanged from previous years.

Requests for copies or information of past or current reports should be forwarded to this Directorate.

R. Mitchell

Dr. J. R. Mitchell,
Director of Maternal
& Child Health

GLOSSARY OF TERMS AND DEFINITIONS

A. Symbols

N/A	Not Available	-	Zero Activity
r	Revised	*	Refer to Footnote(s)

B. Definitions

1. Age - Completed age in years, months, days, etc.
2. Population
   a) Manitoba - based on Manitoba Health Services Commission population reports. Regional populations are by region of residence.
   b) Canada - based on Statistics Canada population data.
3. Births
   a) Live Births - Infants born alive excluding stillbirths.
   b) Stillbirths - Foetal deaths of 20 (or 28) or more weeks gestation.
   c) Total Births - Live births plus stillbirths.
4. Birth Rates
   a) Live Births - Infants born alive, excluding stillbirths, per 1,000 population.
   b) Stillbirths - Foetal deaths of 20 (or 28) or more weeks gestation per 1,000 live births.
5. Deaths
   a) Infant - Infant deaths under 1 year of age, excluding stillbirths.
   b) Maternal - Deaths due to delivery and complications of pregnancy, childbirth and the puerperium.
   c) Neonatal - Infants deaths under 28 days of age excluding stillbirths
   d) Newborn - Infant deaths from birth to less than 7 days of age.
   e) Perinatal - Foetal deaths of 20 (or 28) or more weeks gestation plus infant deaths under 7 days of age.

f) Post-Neonatal - Infant deaths from 28 days to under 1 year of age.

6. Death Rates

a) Infant - Infant deaths under 1 year of age, excluding stillbirths, per 1,000 live births.

b) Maternal - Deaths due to delivery and complications of pregnancy, childbirth and the puerperium per 10,000 live births.

c) Neonatal - Infant deaths under 28 days of age, excluding stillbirths, per 1,000 live births.

d) Newborn - Infant deaths from birth to less than 7 days of age per 1,000 live births.

e) Perinatal - Foetal deaths of 20 (or 28) or more weeks gestation plus infant deaths under 7 days of age per 1,000 births.

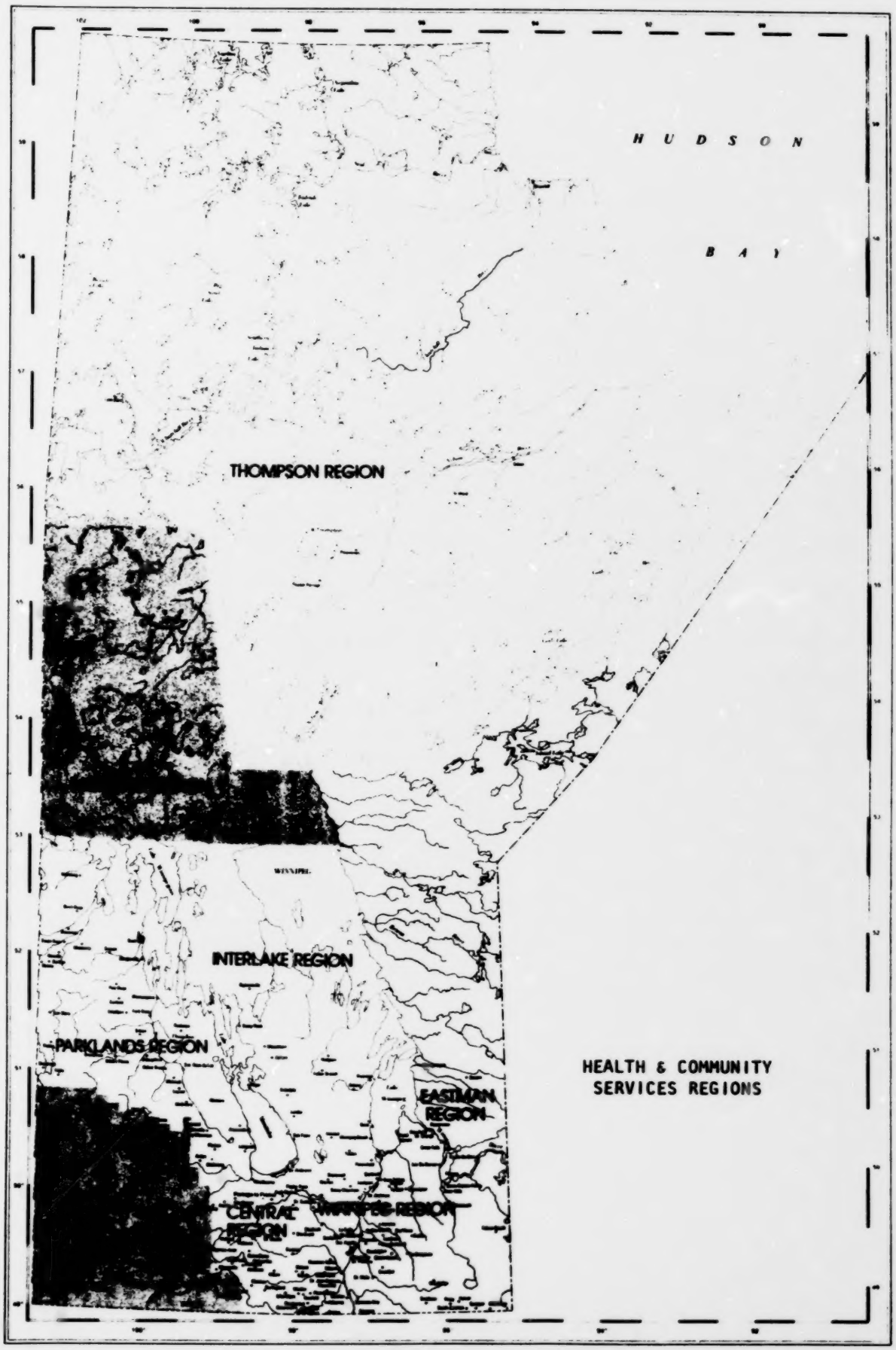
f) Post-Neonatal - Infant deaths from 28 days to under 1 year of age per 1,000 live births.

7. General Fertility Rate - Live births per 1,000 females between ages 15-49.

8. Parity - The number of total births (current birth plus previous births) that a particular mother has had. This includes live births and stillbirths.

9. Indian Reserve - A tract of land the legal title to which is vested in the Crown, that has been set apart by the Crown for the use and benefit of an Indian band.

10. Unorganized Territory - Any territory in Manitoba which is not under the jurisdiction of any legal government that has taxing authority.


HUDSON
BAY
THOMPSON REGION
INTERLAKE REGION
PARKLANDS REGION
EASTMAN REGION
CENTRAL REGION
HEALTH & COMMUNITY
SERVICES REGIONS

1-1A

MANITOBA POPULATION

BY HEALTH & COMMUNITY SERVICES REGION 1978 - 1982

YEAR / REGION	1978 (1)	1979 (1)	1980	1981 (2)	1982 (2)
CENTRAL	88,029	88,989	N/A	89,566	89,983
EASTMAN	66,641	68,198	N/A	68,309	69,118
INTERLAKE	58,197	58,798	N/A	61,645	61,213
NORMAN	22,921	22,955	N/A	22,304	21,941
PARKLANDS	48,114	47,933	N/A	45,357	45,128
THOMPSON	30,255	28,410	N/A	22,644	21,258
WESTMAN	120,808	121,380	N/A	117,763	117,993
WINNIPEG	605,148	607,099	N/A	594,146	601,064
INDIAN RES	41,883	42,876	N/A	45,569	47,039
UNORGANIZED TERRITORIES	12,474	12,266	N/A	11,210	11,372
TOTAL	1,094,470	1,098,904	N/A	1,078,513	1,086,109

SOURCE: (1) Manitoba Health Services Commission population records (June 1).
(2) December 1.

WINNIPEG POPULATION

BY SUB REGIONAL RESIDENCE AREAS 1978 - 1982

YEAR WPG. REGION	(1) 1978	(1) 1979	1980	(2) 1981	(2) 1982
FT. GARRY	39,685	40,373	N/A	42,109	42,863
KILDONAN (EAST & NORTH)	62,226	63,893	N/A	65,721	66,679
KILDONAN (OLD & WEST)	36,068	37,400	N/A	40,728	41,555
ST. BONIFACE	47,040	46,416	N/A	44,828	44,721
ST. JAMES-ASSINIBOIA	81,064	82,329	N/A	81,166	81,915
ST. PAUL (EAST)	3,453	3,392	N/A	3,184	3,244
ST. PAUL (WEST)	2,237	2,111	N/A	2,389	2,394
ST. VITAL	43,032	44,113	N/A	45,750	46,631
TRANSCONA	27,610	28,124	N/A	27,856	27,990
WPG. (TUXEDO & CHARLESWOOD)	262,733	258,948	N/A	240,415	243,072
TOTAL	605,148	607,099	N/A	594,146	601,064

SOURCE: (1) Manitoba Health Services Commission population records (June 1).
(2) December 1.

IV-1A

FEMALES BETWEEN 15-49

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1978 - 1982

YEAR / REGION	(1) 1978	(1) 1979	1980	(2) 1981	(2) 1982
CENTRAL	20,080	20,443	N/A	20,680	20,820
EASTMAN	15,663	16,314	N/A	16,545	16,841
INTERLAKE	13,430	13,662	N/A	14,702	14,633
NORMAN	5,674	5,707	N/A	5,672	5,639
PARKLANDS	10,153	10,181	N/A	9,628	9,572
THOMPSON	8,058	7,616	N/A	6,350	6,000
WESTMAN	27,632	28,027	N/A	27,134	27,293
WINNIPEG	161,027	162,580	N/A	160,332	162,468
I.R. & U.T.	11,887	12,308	N/A	13,258	13,971
TOTAL	237,644	276,838	N/A	274,301	277,237

SOURCE: (1) Manitoba Health Services Commission records (June 1).
(2) December 1.

IV-1B

TOTAL BIRTHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1978 - 1982

YEAR / REGION	1978	1979	1980	1981	1982
CENTRAL	1,504	1,471	1,524	1,474	1,549
EASTMAN	1,200	1,210	1,187	1,156	1,203
INTERLAKE	844	786	758	729	753
NORMAN	407	432	402	414	409
PARKLANDS	652	627	630	590	556
THOMPSON	570	529	497	544	461
WESTMAN	1,724	1,690	1,682	1,694	1,692
WINNIPEG	8,294	8,230	8,076	8,243	8,186
I.R. & U.T.	1,284	1,283	1,248	1,248	1,303
MANITOBA TOTAL	16,479	16,258	16,004	16,092	16,112
NON-RESIDENT	451	444	447	471	524
TOTAL	16,930	16,711 (1)	16,451	16,563	16,636

SOURCE: Manitoba Vital Statistics registrations

* Total births are defined as live births plus stillbirths of 20 or more weeks gestation.

(1) Includes 9 live births not categorized by region of residence.

IV-1C

LIVE BIRTHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1978 - 1982

YEAR / REGION	1978	1979	1980	1981	1982
CENTRAL	1,489	1,462	1,518	1,463	1,538
EASTMAN	1,190	1,202	1,181	1,145	1,196
INTERLAKE	834	776	755	722	749
NORMAN	405	425	399	411	406
PARKLANDS	646	620	621	586	554
THOMPSON	564	525	493	539	458
WESTMAN	1,711	1,677	1,668	1,679	1,685
WINNIPEG	8,215	8,154	8,007	8,176	8,133
I.R. & U.T.	1,265	1,274	1,236	1,231	1,294
MANITOBA TOTAL	16,319	16,115	15,878	15,952	16,013
NON-RESIDENT	444	439	435	462	513
TOTAL	16,763	16,563 (1)	16,313	16,414	16,526

SOURCE: Manitoba Vital Statistics registrations.
* Live births are infants born alive, excluding stillbirths.
(1) Includes 9 live births not categorized by region of residence.

IV-1D

GENERAL FERTILITY RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1978 - 1982

YEAR / REGION	1978	1979	1980	1981	1982
CENTRAL	74.2	71.5	N/A	70.7	73.9
EASTMAN	76.0	73.7	N/A	69.2	71.0
INTERLAKE	62.1	56.8	N/A	49.1	51.2
NORMAN	71.4	74.5	N/A	72.5	72.0
PARKLANDS	63.6	60.9	N/A	60.9	57.9
THOMPSON	70.0	68.9	N/A	84.9	76.3
WESTMAN	61.9[r]	59.8	N/A	61.9	61.7
WINNIPEG	51.0	50.2	N/A	51.0	50.1
I.R. & U.T.	106.4	103.5	N/A	92.8	92.6
MANITOBA TOTAL	59.6[r]	58.2	N/A	58.2	57.8
CANADA	58.0	58.2	57.9	56.7	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1978, 1979, 1980, 1981 Volume 1, Births and Deaths (Cat. 84-204).

Manitoba, Manitoba Vital Statistics registrations. Manitoba Health Services population records.

* General fertility rate is defined as live births per 1,000 females between ages 15-49.

INFANT DEATHS

IV-2A

INFANT DEATHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1978 - 1982

YEAR / REGION	1978	1979	1980	1981	1982
CENTRAL	17	18	14	15	13
EASTMAN	13	11	8	12	10
INTERLAKE	17	14	8	4	4
NORMAN	6	9	4	3	2
PARKLANDS	8	7	7	10	5
THOMPSON	7	10	2	5	3
WESTMAN	23	17	19	27	16
WINNIPEG	94	91	87	79	72
I.R. & U.T.	30	25	26	31	15
MANITOBA TOTAL	215	202	175	186	140
NON-RESIDENT	17	21	16	13	15
TOTAL	233 (1)	228 (2)	191	199	155

SOURCE: Manitoba Vital Statistics registrations.

* Infant deaths are defined as deaths under 1 year of age, excluding still-births.

(1) Includes 1 death not categorized by region of residence.

(2) Includes 5 deaths not categorized by region of residence.

IV-2B

INFANT DEATH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1978 - 1982

YEAR / REGION	1978	1979	1980	1981	1982
CENTRAL	11.4	12.3	9.2	10.3	8.5
EASTMAN	10.9	9.2	6.8	10.5	8.4
INTERLAKE	20.4	18.0	10.6	5.5	5.3
NORMAN	14.8	21.2	10.0	7.3	**
PARKLANDS	12.4	11.3	11.3	17.1	9.0
THOMPSON	12.4	19.0	**	9.3	6.6
WESTMAN	13.4	10.1	11.4	16.1	9.5
WINNIPEG	11.4	11.2	10.9	9.7	8.9
I.R. & U.T.	23.7	19.6	21.0	25.2	11.6
MANITOBA TOTAL	13.2	12.5	11.0	11.7	8.7
NON-RESIDENT	38.3	47.8	36.8	28.1	29.2
TOTAL	13.9	13.8	11.7	12.1	9.4
CANADA	12.0	10.9	10.4	9.6	N/A

SOURCES: Canada, Statistics Canada, Vital Statistics: 1978, 1979, 1980, 1981 Volume 1, Births and Deaths (Cat. 84-204).

Manitoba, Manitoba Vital Statistics registrations.

* Infant death rate is defined as deaths under 1 year of age, excluding still-births per 1,000 live births.

** Not calculated due to low incidence.

IV-3A

NEWBORN DEATHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1978 - 1982

YEAR / REGION	1978	1979	1980	1981	1982
CENTRAL	7	12	7	8	8
EASTMAN	9	6	5	6	7
INTERLAKE	13	9	6	3	-
NORMAN	4	5	3	2	1
PARKLANDS	5	3	2	7	4
THOMPSON	4	7	1	1	2
WESTMAN	14	14	9	13	6
WINNIPEG	54	57	57	45	48
I.R. & U.T.	12	9	10	12	6
MANITOBA TOTAL	122	122	100	97	82
NON-RESIDENT	6	16	10	8	7
TOTAL	129 (1)	138	110	105	89

SOURCE: Manitoba Vital Statistics registrations.

* Newborn deaths are defined as infant deaths from birth to less than 7 days of age.

(1) Includes 1 newborn death not categorized by region of residence.

IV-3B

NEWBORN DEATH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1978 - 1982

YEAR / REGION	1978	1979	1980	1981	1982
CENTRAL	4.7	8.2	4.6	5.5	5.2
EASTMAN	7.6	5.0	4.2	5.2	5.9
INTERLAKE	15.6	11.6	7.9	4.2	-
NORMAN	9.9	11.8	7.5	**	**
PARKLANDS	7.7	4.8	**	11.9	7.2
THOMPSON	7.1	13.3	**	**	**
WESTMAN	8.2	8.3	5.4	7.7	3.6
WINNIPEG	6.6	7.0	7.1	5.5	5.9
I.R. & U.T.	9.5	7.1	8.1	9.7	4.6
MANITOBA TOTAL	7.5	7.6	6.3	6.1	5.1
NON-RESIDENT	13.5	36.4	23.0	17.3	13.6
TOTAL	7.7	8.3	6.7	6.4	5.4
CANADA	6.8	6.1	5.6	5.5	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1978, 1979, 1980, 1981 Volume I, Births and Deaths (Cat. 84-204).

Manitoba, Manitoba Vital Statistics registrations.

* Newborn death rate is defined as infant deaths from birth to less than 7 days of age per 1,000 live births.

** Not calculated due to low incidence.

IV-4A

PERINATAL DEATHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1978 - 1982

YEAR / REGION	1978	1979	1980	1981	1982
CENTRAL	22	21	13	19	19
EASTMAN	19	14	11	17	14
INTERLAKE	23	19	9	10	4
NORMAN	6	12	6	5	4
PARKLANDS	11	10	11	11	6
THOMPSON	10	11	5	6	5
WESTMAN	27	27	23	28	13
WINNIPEG	133	133	126	112	101
I.R. & U.T.	31	18	22	29	15
MANITOBA TOTAL	282	265	226	237	181
NON-RESIDENT	13	21	22	17	18
TOTAL	296 (1)	286	248	254	199

SOURCE: Manitoba Vital Statistics registrations.

* Perinatal deaths are defined as foetal deaths of 20 or more weeks gestation plus infant deaths under 7 days of age.

(1) Includes 1 newborn death not categorized by region of residence.

IV-4B

PERINATAL DEATH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1978 - 1982

YEAR / REGION	1978	1979	1980	1981	1982
CENTRAL	14.6	14.3	8.5	12.9	12.3
EASTMAN	15.8	11.6	9.3	14.7	11.6
INTERLAKE	27.3	24.2	11.9	13.7	5.3
NORMAN	14.7	27.8	14.9	12.1	9.8
PARKLANDS	16.9	15.9	17.5	18.6	10.8
THOMPSON	17.5	20.8	10.1	11.0	10.8
WESTMAN	15.7	16.0	13.7	16.5	7.7
WINNIPEG	16.0	16.2	15.6	13.6	12.3
I.R. & U.T.	24.1	14.0	17.6	23.2	11.5
MANITOBA TOTAL	17.1	16.3	14.1	14.7	11.2
NON-RESIDENT	28.8	47.3	49.2	36.1	34.4
TOTAL	17.5	17.1	15.1	15.3	12.0

SOURCE: Manitoba Vital Statistics registration.

* Perinatal death rate is defined as the total of foetal deaths of 20 or more weeks gestation and infant deaths under 7 days of age per 1,000 total births.

Total births are live births plus stillbirths of 20 or more weeks gestation.

IV-4C

PERINATAL DEATHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1978 - 1982

YEAR / REGION	1978	1979	1980	1981	1982
CENTRAL	17	17	12	15	14
EASTMAN	14	12	7	14	12
INTERLAKE	20	19	9	8	2
NORMAN	6	10	5	4	2
PARKLANDS	9	7	9	10	6
THOMPSON	6	10	4	4	4
WESTMAN	23	23	22	23	12
WINNIPEG	106	108	108	86	81
I.R. & U.T.	27	18	18	26	12
MANITOBA TOTAL	228	224	194	190	145
NON-RESIDENT	13	18	19	14	16
TOTAL	242 (1)	242	213	204	161

SOURCE: Manitoba Vital Statistics registrations.
* Perinatal deaths are defined as foetal deaths of 28 or more weeks gestation plus infant deaths under 7 days of age.
(1) Includes 1 newborn death not categorized by region.

IV-4D

PERINATAL DEATH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1978 - 1982

YEAR / REGION	1978	1979	1980	1981	1982
CENTRAL	11.3	11.6	7.9	10.2	9.0
EASTMAN	11.7	9.9	5.9	12.1	10.0
INTERLAKE	23.7	24.2	11.9	11.0	**
NORMAN	14.7	23.3	12.4	9.7	**
PARKLANDS	13.8	11.2	14.3	17.0	10.8
THOMPSON	10.5	18.9	8.0	7.4	8.7
WESTMAN	13.4	13.6	13.1	13.6	7.1
WINNIPEG	12.8	13.2	13.4	10.5	9.9
I. & U.T.	21.0	14.0	14.4	20.9	9.2
MANITOBA TOTAL	13.9	13.8	12.1	11.8	9.0
NON-RESIDENT	28.8	40.8	42.5	29.9	30.5
TOTAL	14.3	14.5	12.9	12.4	9.7
CANADA	12.8	11.8	10.9	10.7	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1978, 1979, 1980, 1981 Volume I, Births and Deaths (Cat. 84-204).

Manitoba, Manitoba Vital Statistics registrations.

* Perinatal death rate is defined as the total of foetal deaths of 28 or more weeks gestation and infant deaths under 7 days of age per 1,000 total births.
Total births are live births plus stillbirths of 28 or more weeks gestation.

** Not calculated due to low incidence.

IV-4E

STILLBIRTHS*

MANITOBA HEALTH & COMMUNITY SERVICES REGION 1978 - 1982

YEAR / REGION	1978	1979	1980	1981	1982
CENTRAL	15	9	6	11	11
EASTMAN	10	8	6	11	7
INTERLAKE	10	10	3	7	4
NORMAN	2	7	3	3	3
PARKLANDS	6	7	9	4	2
THOMPSON	6	4	4	5	3
WESTMAN	13	13	14	15	7
WINNIPEG	79	76	69	67	53
I.R. & U.T.	19	9	12	17	9
MANITOBA TOTAL	160	143	126	140	99
NON-RESIDENT	7	5	12	9	11
TOTAL	167	148	138	149	110

SOURCE: Manitoba Vital Statistics registrations.
* Stillbirths are defined as foetal deaths of 20 or more weeks gestation.

IV-4F

STILLBIRTH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1978 - 1982

YEAR / REGION	1978	1979	1980	1981	1982
CENTRAL	10.1	6.2	4.0	7.5	7.2
EASTMAN	8.4	6.7	5.1	9.6	5.9
INTERLAKE	12.0	12.9	4.0	9.7	5.3
NORMAN	4.9	16.5	7.5	7.3	7.4
PARKLANDS	9.3	11.3	14.5	6.8	**
THOMPSON	10.6	7.6	8.1	9.3	6.6
WESTMAN	7.6	7.8	8.4	8.9	4.2
WINNIPEG	9.6	9.3	8.6	8.2	6.5
I.R. & U.T.	15.0	7.1	9.7	13.8	7.0
MANITOBA TOTAL	9.8	8.9	7.9	8.8	6.2
NON-RESIDENT	15.8	11.4	27.6	19.5	21.4
TOTAL	10.0	8.9	8.5	9.1	6.7
CANADA	8.0	7.7	7.1	7.3	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1978, 1979, 1980, 1981 Volume I, Births and Deaths Cat. 84-204).

Manitoba, Manitoba Vital Statistics registrations.

* Stillbirth rate is defined as the rate of foetal deaths of 20 or more weeks gestation per 1,000 live births.

** Not calculated due to low incidence.

IV-4G

STILLBIRTHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1978 - 1982

REGION \ YEAR	1978	1979	1980	1981	1982
CENTRAL	10	5	5	7	6
EASTMAN	5	6	2	8	5
INTERLAKE	7	10	3	5	2
NORMAN	2	5	2	2	1
PARKLANDS	4	4	7	3	2
THOMPSON	2	3	3	3	2
WESTMAN	9	9	13	10	6
WINNIPEG	52	51	51	41	33
I.R. & U.T.	15	9	8	14	6
MANITOBA TOTAL	106	102	94	93	63
NON-RESIDENT	7	2	9	6	9
TOTAL	113	104	103	99	72

SOURCE: Manitoba Vital Statistics registrations.
* Stillbirths are defined as foetal deaths of 28 or more weeks gestation.

IV-4H

STILLBIRTH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1978 - 1982

REGION \ YEAR	1978	1979	1980	1981	1982
CENTRAL	6.7	3.4	3.3	4.8	3.9
EASTMAN	4.2	5.0	**	7.0	4.2
INTERLAKE	8.4	12.9	4.0	6.9	**
NORMAN	**	11.8	**	**	**
PARKLANDS	6.2	6.5	11.3	5.1	**
THOMPSON	**	5.7	6.1	5.6	**
WESTMAN	5.3	5.4	7.8	6.0	3.6
WINNIPEG	6.3	6.3	6.4	5.0	4.1
I.R. & U.T.	11.9	7.1	6.5	11.4	4.6
MANITOBA TOTAL	6.5	6.3	5.9	5.8	3.9
NON-RESIDENT	15.8	**	20.7	13.0	17.5
TOTAL	6.7	6.3	6.3	6.0	4.4
CANADA	6.2	5.7	5.3	5.3	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1978, 1979, 1980, 1981 Volume III, Deaths (Cat. 84-206).

Manitoba, Manitoba Vital Statistics registrations.

* Stillbirth rate is defined as rate of foetal deaths of 28 or more weeks gestation per 1,000 live births.

** Not calculated due to low incidence.

IV-5A

NEONATAL DEATHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1978 - 1982

YEAR / REGION	1978	1979	1980	1981	1982
CENTRAL	11	14	7	10	10
EASTMAN	12	8	5	7	9
INTERLAKE	13	12	6	3	1
NORMAN	4	6	3	2	1
PARKLANDS	7	5	4	9	5
THOMPSON	5	7	1	2	2
WESTMAN	15	15	10	18	9
WINNIPEG	67	67	63	53	58
I.R. & U.T.	13	13	12	16	10
MANITOBA TOTAL	147	147	111	120	105
NON-RESIDENT	10	18	14	8	11
TOTAL	158 (1)	165	125	128	116

SOURCE: Manitoba Vital Statistics registrations.

* Neonatal deaths are defined as infant deaths under 28 days of age, excluding stillbirths.

(1) Includes 1 neonatal death not categorized by region.

IV-5B

NEONATAL DEATH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1978 - 1982

YEAR / REGION	1978	1979	1980	1981	1982
CENTRAL	7.4	9.6	4.6	6.8	6.5
EASTMAN	10.1	6.7	4.2	6.1	7.5
INTERLAKE	15.6	15.5	7.9	4.2	**
NORMAN	9.9	14.1	7.5	**	**
PARKLANDS	10.8	8.1	6.4	15.4	9.0
THOMPSON	8.9	13.3	**	**	**
WESTMAN	8.8	8.9	6.0	10.7	5.3
WINNIPEG	8.2	8.2	7.9	6.5	7.1
I.R. & U.T.	10.3	10.2	9.7	13.0	7.7
MANITOBA TOTAL	9.0	9.1	7.0	7.5	6.6
NON-RESIDENT	22.5	41.0	32.2	17.3	21.4
TOTAL	9.4	10.0	7.7	7.8	7.1
CANADA	8.0	7.2	6.7	6.4	N/A

SOURCES: Canada, Statistics Canada, Vital Statistics: 1978, 1979, 1980, 1981 Volume I, Births and Deaths (Cat. 84-204).

Manitoba, Manitoba Vital Statistics registrations.

* Neonatal death rate is defined as the rate of infant deaths under 28 days of age, excluding stillbirths, per 1,000 live births.

** Not calculated due to low incidence.

IV-6A

POST-NATAL DEATHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1978 - 1982

YEAR / REGION	1978	1979	1980	1981	1982
CENTRAL	6	4	7	5	3
EASTMAN	1	3	3	5	1
INTERLAKE	4	2	2	1	3
NORMAN	2	3	1	1	1
PARKLANDS	1	2	3	1	-
THOMPSON	2	3	1	3	1
WESTMAN	8	2	9	9	7
WINNIPEG	27	24	24	26	14
I.R. & U.T.	17	12	14	15	5
MANITOBA TOTAL	68	55	64	66	35
NON-RESIDENT	7	3	2	5	4
TOTAL	76 (1)	63 (2)	66	71	39

SOURCE: Manitoba Vital Statistics registrations.

* Post neonatal deaths are defined as infant deaths from 28 days to under 1 year of age.

(1) Includes 1 post neonatal death not categorized by region.

(2) Includes 5 post neonatal deaths not categorized by region.

IV-6B

POST-NEONATAL DEATH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1978 - 1982

YEAR / REGION	1978	1979	1980	1981	1982
CENTRAL	4.0	2.7	4.6	3.4	2.0
EASTMAN	**	2.5	2.5	4.4	**
INTERLAKE	4.8	**	**	**	4.0
NORMAN	**	7.1	**	**	**
PARKLANDS	**	**	4.8	**	-
THOMPSON	**	5.7	**	5.6	**
WESTMAN	4.7	**	5.4	5.4	4.2
WINNIPEG	3.3	2.9	3.0	3.2	1.7
I.R. & U.T.	13.4	9.4	11.3	12.2	3.9
MANITOBA TOTAL	4.2	3.4	4.0	4.1	2.2
NON-RESIDENT	15.8	6.8	**	10.8	7.8
TOTAL	4.5	3.8	4.0	4.3	2.4
CANADA	3.9	3.7	3.8	3.2	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1978, 1979, 1980, 1981 Volume I, Births and Deaths (Cat. 84-206).

Manitoba, Manitoba Vital Statistics registrations.

* Post neonatal death rate is defined as the rate of infant deaths from 28 days to under 1 year of age per 1,000 live births.

** Not calculated due to low incidence.

IV-7A

MATERNAL DEATHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1978 - 1982

YEAR / REGION	1978	1979	1980	1981	1982
CENTRAL	-	-	-	-	-
EASTMAN	-	-	-	-	-
INTERLAKE	-	-	-	-	-
NORMAN	-	1	-	-	-
PARKLANDS	-	-	-	-	1
THOMPSON	-	-	-	-	-
WESTMAN	-	-	1	-	-
WINNIPEG	-	1	-	-	1
I.R. & U.T.	-	-	1	-	-
MANITOBA TOTAL	-	2	2	-	-
NON-RESIDENT	-	-	-	-	-
TOTAL	-	2	2	-	2

SOURCE: Manitoba Vital Statistics registrations.

* Maternal deaths are defined as deaths due to delivery and complications of pregnancy, childbirth, and the puerperium.

NOTE: Table IV-7B has not been calculated due to low incidence of maternal deaths.

DEATHS UNDER ONE YEAR OF AGE

IV-8A

DEATHS UNDER ONE YEAR OF AGE

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1982

MORTALITY GROUP / REGION		INFANT MORTALITY				
		NEO-NATAL MORTALITY				POST-NEO-NATAL MORTALITY
		PERINATAL MORTALITY				
	STILLBIRTH*	LESS THAN 1 DAY	1 TO LESS THAN 3 DAYS	3 TO LESS THAN 7 DAYS	7 TO LESS THAN 28 DAYS	28 DAYS TO LESS THAN 12 MONTHS
CENTRAL	11	3	4	1	2	3
EASTMAN	7	6	-	1	2	1
INTERLAKE	4	-	-	-	1	3
NORMAN	3	1	-	-	-	1
PARKLANDS	2	3	1	-	1	-
THOMPSON	3	1	1	-	-	1
WESTMAN	7	5	1	-	3	7
WINNIPEG	53	34	5	9	10	14
I.R. & U.T.	9	3	2	1	4	5
MANITOBA TOTAL	99	56	14	12	23	35

SOURCE: Manitoba Vital Statistics registrations.
*Stillbirths are defined as foetal deaths of 20 or more weeks gestation.

DEATH RATES* UNDER ONE YEAR OF AGE

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1982

MORTALITY GROUP / REGION		INFANT MORTALITY				
		NEO-NATAL MORTALITY				POST-NEO-NATAL MORTALITY
		PERINATAL MORTALITY				
	STILLBIRTH	LESS THAN 1 DAY	1 TO LESS THAN 3 DAYS	3 TO LESS THAN 7 DAYS	7 TO LESS THAN 28 DAYS	28 DAYS TO LESS THAN 12 MONTHS
CENTRAL	7.2	2.0	2.6	**	**	2.0
EASTMAN	5.9	5.0	-	**	**	**
INTERLAKE	5.3	-	-	-	**	4.0
NORMAN	7.4	**	-	-	-	**
PARKLANDS	**	5.4	**	-	**	-
THOMPSON	6.6	**	**	-	-	**
WESTMAN	4.2	3.0	**	-	1.8	4.2
WINNIPEG	6.5	4.2	0.6	1.1	1.2	1.7
I.R. & U.T.	7.0	2.3	**	**	3.1	3.9
MANITOBA TOTAL	6.2	3.5	0.9	0.7	1.4	2.2

SOURCE: Manitoba Vital Statistics registrations.

* All death rates are defined as rates per 1,000 live births. Stillbirths are defined as foetal deaths of 20 or more week gestation.

** Not calculated due to low incidence.

IV-9A

NEONATAL DEATHS(1)

BY CAUSE OF DEATH(2) AND MANITOBA HEALTH AND COMMUNITY SERVICE REGION 1982

REGION \ CAUSE OF DEATH	LOWER RESPIRATORY	OTHER RESPIRATORY	IMMATURITY	CONGENITAL ANOMALIES	BIRTH INJURY	GASTRO-INTESTINAL	SYMPTOMS & ILL-DEFINED	OTHER PERINATAL CAUSES	OTHER CAUSES	REGIONAL TOTAL
CENTRAL	-	3	1	4	-	-	-	-	2	10
EASTMAN	-	-	3	4	-	-	-	1	1	9
INTERLAKE	-	-	-	1	-	-	-	-	-	1
NORMAN	-	1	-	-	-	-	-	-	-	1
PARKLANDS	-	2	-	3	-	-	-	-	-	5
THOMPSON	-	1	-	1	-	-	-	-	-	2
WESTMAN	-	3	4	-	-	-	-	1	1	9
WINNIPEG	-	9	12	16	1	-	5	7	8	58
I.R. & U.T.	1	4	-	2	-	-	-	2	1	10
MANITOBA TOTAL	1	23	20	31	1	-	5	11	13	105
OTHER	1	5	3	1	-	-	-	-	1	11
TOTAL	2	28	23	32	1	-	5	11	14	116

SOURCE: Manitoba Vital Statistics registrations.

(1) Neonatal deaths are defined as infant deaths under 28 days of age, excluding stillbirths.

(2) Cause of death has been aggregated from the Manual of the International Statistical Classification of Diseases Injuries, and Causes of Death (Ninth Revision), World Health Organization, Volume 1, 1977 as follows: Lower Respiratory (480-483, 485-492); Other Respiratory (768, 769, 770); Immaturity (765); Congenital Anomalies (740-759); Birth Injury (767); Gastro-Intestinal (004-009, 535, 555, 556, 558, 562, 564, 565, 566, 567.2, 567.9, 568, 569); Symptoms and Ill-Defined Conditions (780-796, 798, 799); Other Perinatal Causes (760, 761, 762, 763.8, 766.2, 772.0, 775.0, 776.0, 778.2, 779.6, 779.9)

NEONATAL DEATH RATES (1)
BY CAUSE OF DEATH (2) AND MANITOBA HEALTH AND COMMUNITY SERVICES REGION 1982

CAUSE OF DEATH / REGION	LOWER RESPIRATORY	OTHER RESPIRATORY	IMMATURITY	CONGENITAL ANOMALIES	BIRTH INJURY	GASTRO-INTESTINAL	SYMPTOMS & ILL-DEFINED	PERINATAL CAUSES	OTHER CAUSES	REGIONAL TOTAL
CENTRAL	-	19.5	*	26.0	-	-	-	-	*	65.0
EASTMAN	-	-	25.1	33.4	-	-	-	*	*	75.3
INTERLAKE	-	-	-	*	-	-	-	-	-	*
NORMAN	-	*	-	-	-	-	-	-	-	*
PARKLANDS	-	*	-	54.2	-	-	-	-	-	90.3
THOMPSON	-	*	-	*	-	-	-	-	-	65.5
WESTMAN	-	17.8	23.7	-	-	-	-	*	*	53.4
WINNIPEG	-	11.1	14.8	19.7	*	-	6.1	8.6	8.6	71.3
I.R. & U.T.	*	30.9	-	*	-	-	-	*	*	77.3
MANITOBA TOTAL	*	14.4	12.5	19.4	*	-	3.1	6.9	6.9	65.6
OTHER	*	97.5	58.5	*	-	-	-	-	*	214.4
TOTAL	*	16.9	13.9	19.4	*	-	3.0	6.7	6.7	70.2

SOURCE: Manitoba Vital Statistics registrations.

(1) Neonatal death rate is defined as the rate of infant deaths under 28 days of age per 10,000 live births.

(2) Cause of death has been aggregated from the Manual of the International Statistical Classification of Diseases Injuries, and Causes of Death (Ninth Revision), World Health Organization, Volume 1, 1977 as follows: Lower Respiratory (480-483, 485-492); Other Respiratory (768, 769, 770); Immaturity (765); Congenital Anomalies (740-759); Birth Injury (767); Gastro-Intestinal (004-009, 535, 555, 556, 558, 562, 564, 566, 567.2, 567.9, 568. 569); Symptoms and Ill-Defined Conditions (780-796, 798, 799); Other Perinatal Causes (760, 761, 762, 763.8, 766.2, 772.0, 775.0, 776.0, 778.2, 779.6, 779.9).

* Not calculated due to low incidence.

IV-10A

POST NEONATAL DEATHS (1)

BY CAUSE OF DEATH (2) AND MANITOBA HEALTH AND COMMUNITY SERVICES REGION 1982

CAUSE OF DEATH / REGION	LOWER RESPIRATORY	OTHER RESPIRATORY	IMMATURITY	CONGENITAL ANOMALIES	BIRTH INJURY	GASTRO-INTESTINAL	SYMPTOMS & ILL-DEFINED	OTHER CAUSES	REGIONAL TOTAL
CENTRAL	-	-	-	2	-	-	1	-	3
EASTMAN	-	-	-	-	1	-	-	-	1
INTERLAKE	-	-	-	1	-	-	2	-	3
NORMAN	-	-	-	-	-	-	-	1	1
PARKLANDS	-	-	-	-	-	-	-	-	-
THOMPSON	-	-	-	-	-	-	-	1	1
WESTMAN	-	-	1	-	1	-	5	-	7
WINNIPEG	1	1	-	2	-	1	7	2	14
I.R. & U.T.	-	-	-	1	-	-	4	-	5
MANITOBA TOTAL	1	1	1	6	2	1	19	4	35
OTHER	-	1	-	-	-	-	1	2	4
TOTAL	1	2	1	6	2	1	20	6	39

SOURCE: Manitoba Vital Statistics registrations.

(1) Post neonatal deaths are defined as infant deaths from 28 days to under 1 year of age.

(2) Cause of death has been aggregated from the Manual of the International Statistical Classification of Diseases Injuries, and Causes of Death (Ninth Revision), World Health Organization, Volume 1, 1977 as follows: Lower Respiratory (480-483, 485-492); Other Respiratory (768, 769, 770); Congenital Anomalies (740-759); Birth Injury (767); Gastro-Intestinal (004-009, 535, 555, 556, 558, 562, 564, 565, 566, 567.2, 567.9, 568, 569); Symptoms and Ill-Defined Conditions (780-796, 798, 799).

POST NEONATAL DEATH RATES (1)
BY CAUSE OF DEATH (2) AND MANITOBA HEALTH & COMMUNITY SERVICES REGION 1982

REGION / CAUSE OF DEATH	LOWER RESPIRATORY	OTHER RESPIRATORY	IMMATURITY	CONGENITAL ANOMALIES	BIRTH INJURY	GASTRO-INTESTINAL	SYMPTOMS & ILL-DEFINED	OTHER CAUSES	REGIONAL TOTAL
CENTRAL	-	-	-	*	-	-	*	-	19.5
EASTMAN	-	-	-	-	*	-	-	-	*
INTERLAKE	-	-	-	*	-	-	*	-	40.1
NORMAN	-	-	-	-	-	-	-	*	*
PARKLANDS	-	-	-	-	-	-	-	-	-
THOMPSON	-	-	-	-	-	-	-	*	*
WESTMAN	-	-	*	-	*	-	29.7	-	41.5
WINNIPEG	*	*	-	*	-	*	8.6	*	17.2
I.R. & U.T.	-	-	-	*	-	-	30.9	-	38.6
MANITOBA TOTAL	*	*	*	3.7	*	*	11.9	2.5	21.9
OTHER	-	*	-	-	-	-	*	*	78.0
TOTAL	*	*	*	3.6	*	*	12.1	3.6	23.6

SOURCE: Manitoba Vital Statistics registrations.

(1) Post neonatal death rate is defined as infant deaths from 28 days to under 1 year of age per 10,000 live births.

(2) Cause of death has been aggregated from the Manual of the International Statistical Classification of Diseases Injuries, and Causes of Death (Ninth Revision), World Health Organization, Volume 1, 1977 as follows: Lower Respiratory (480-483, 485-492); Other Respiratory (768, 769, 770); Congenital Anomalies (740-759); Birth Injury (767); Gastro-Intestinal (004-009, 535, 555, 556, 558, 562, 564, 565, 566, 567.2, 567.9, 568, 569); Symptoms and Ill-Defined Conditions (780-796, 798, 799).

* Not calculated due to low incidence.

V-1A

FEMALES BETWEEN 15-49 YEARS OF AGE

WINNIPEG REGION 1978 - 1982

WINNIPEG REGION	1978 (1)	1979 (1)	1980	1981 (2)	1982 (2)
FT. GARRY	11527	11813	N/A	12421	12605
KILDONAN (EAST & NORTH)	17316	17749	N/A	18099	18252
KILDONAN (OLD & WEST)	9634	10082	N/A	11011	11245
ST. BONIFACE	12451	12465	N/A	11995	11935
ST. JAMES	22346	22918	N/A	22521	22630
ST. PAUL (EAST & WEST)	1400	1374	N/A	1420	1423
ST. VITAL	11790	12190	N/A	12910	13179
TRANSCONA	7506	7738	N/A	7687	7734
INNER CITY (3)	67097	66251	N/A	62268	63465
WINNIPEG TOTAL	161067	162580	N/A	160332	162468

SOURCE: (1) Manitoba Health Services Commission population records (June 1).
(2) December 1.
(3) Winnipeg, Inner City, includes Charleswood and Tuxedo.

V-1B

GENERAL FERTILITY RATES (1)

WINNIPEG REGION 1978 - 1982

WINNIPEG REGION	1978 (3)	1979 (3)	1980	1981 (4)	1982 (4)
FT. GARRY	49.0	51.7	N/A	49.5	51.4
KILDONAN (EAST & NORTH)	55.0	54.8	N/A	52.9	51.6
KILDONAN (OLD & WEST)	49.2	53.7	N/A	51.5	47.5
ST. BONIFACE	39.0	42.3	N/A	43.4	39.5
ST. JAMES	34.6	34.4	N/A	34.5	34.7
ST. PAUL (EAST & WEST)	47.9	42.9	N/A	35.9	45.0
ST. VITAL	64.0	61.4	N/A	56.2	57.2
TRANSCONA	43.8	40.8	N/A	37.3	37.2
INNER CITY (2)	56.4r	54.2	N/A	59.1	57.5
WINNIPEG TOTAL	50.8	50.2	N/A	51.0	50.1

SOURCE: (1) General fertility rate is defined as rate of live births per 1,000 females between ages 15-49
(2) Winnipeg, Inner City, includes Charleswood and Tuxedo.
(3) Manitoba Health Services Commission population records (June 1).
(4) December 1.

V-1C

LIVE BIRTHS (1)

WINNIPEG REGION 1978 - 1982

WINNIPEG REGION	1978	1979	1980	1981	1982
CHARLESWOOD-TUXEDO	595	571	610	641	606
FT. GARRY	565	611	631	615	648
EAST & NORTH KILDONAN	952	973	909	958	942
OLD & WEST KILDONAN	474	541	543	567	534
ST. BONIFACE	485	527	483	520	472
ST. JAMES	774	788	790	777	785
EAST & WEST ST. PAUL	67	59	54	51	64
ST. VITAL	754	749	747	725	754
TRANSCONA	329	316	323	287	288
INNER CITY	3186	3019	2915	3036	3041
WINNIPEG TOTAL	8215 (2)	8154	8007 (3)	8177	8134

SOURCE: Manitoba Vital Statistics registrations.
(1) Live Births are defined as infants born alive, excluding stillbirths.
(2) Includes 34 births not categorized by region of residence.
(3) Includes 2 births not categorized by region of residence.

V-1D

TOTAL BIRTHS (1)

WINNIPEG REGION 1978 - 1982

WINNIPEG REGION					
CHARLESWOOD-TUXEDO	598	575	613	645	607
FT. GARRY	570	620	635	620	648
EAST & NORTH KILDONAN	957	981	920	966	946
OLD & WEST KILDONAN	483	548	550	572	538
ST. BONIFACE	492	533	485	523	473
ST. JAMES	783	795	796	786	793
EAST & WEST ST. PAUL	67	59	54	51	64
ST. VITAL	762	754	750	732	759
TRANSCONA	329	318	324	287	291
INNER CITY	3220	3047	2947	3062	3068
WINNIPEG TOTAL	8295 (2)	8230	8076 (3)	8244	8187

SOURCE: Manitoba Vital Statistics registrations.
(1) Total births are defined as live births plus stillbirths of 20 or more weeks gestation.
(2) Includes 34 live births not categorized by region of residence.
(3) Includes 2 live births not categorized by region of residence.

NOTE: Totals may differ from Winnipeg Region in Part IV due to variation between Winnipeg coded as a Manitoba Region and the coding of separate areas within Winnipeg.

V-2A

INFANT DEATHS (1)

WINNIPEG REGION 1978 - 1982

WINNIPEG REGION	1978	1979	1980	1981	1982
CHARLESWOOD-TUXEDO	4	4	4	6	7
FT. GARRY	5	6	5	7	3
EAST & NORTH KILDONAN	17	10	4	8	8
OLD & WEST KILDONAN	2	4	5	4	5
ST. BONIFACE	4	6	6	2	5
ST. JAMES	6	11	9	5	7
EAST & WEST ST. PAUL	-	1	1	1	-
ST. VITAL	16	8	6	6	5
TRANSCONA	1	3	5	6	1
INNER CITY	38	38	42	34	31
WINNIPEG TOTAL	94 (2)	91	87	79	72

SOURCE: Manitoba Vital Statistics registrations.
(1) Infant deaths are defined as infant deaths under 1 year of age excluding stillbirths.
(2) Includes 1 death not categorized by region of residence.

V-2B

INFANT DEATH RATES (1)

WINNIPEG REGION 1978 - 1982

WINNIPEG REGION	1978	1979	1980	1981	1982
CHARLESWOOD-TUXEDO	6.7	7.0	6.6	9.4	11.6
FT. GARRY	8.8	9.8	7.9	11.4	4.6
EAST & NORTH KILDONAN	17.9	10.3	4.4	8.4	8.5
OLD & WEST KILDONAN	*	7.4	9.2	7.1	9.4
ST. BONIFACE	8.2	11.4	12.4	*	10.6
ST. JAMES	7.8	14.0	11.4	6.4	8.9
EAST & WEST ST. PAUL	-	*	*	*	-
ST. VITAL	21.2	10.7	8.0	8.3	6.6
TRANSCONA	*	9.5	15.5	20.9	*
INNER CITY	11.9	12.6	14.4	11.2	10.2
WINNIPEG TOTAL	11.4	11.2	10.9	9.7	8.9

SOURCE: Manitoba Vital Statistics registrations.
(1) Infant death rate is defined as rate of infant deaths under 1 year of age, excluding stillbirths, per 1,000 live births.
* Not calculated due to low incidence.

NOTE: Totals may differ from those of Winnipeg in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of separate areas within Winnipeg.

V-3A

NEWBORN DEATHS (1)

WINNIPEG REGION 1978 - 1982

WINNIPEG REGION	1978	1979	1980	1981	1982
CHARLESWOOD-TUXEDO	3	3	3	5	4
FT. GARRY	3	3	3	4	3
EAST & NORTH KILDONAN	14	6	3	6	7
OLD & WEST KILDONAN	1	3	3	2	3
ST. BONIFACE	1	3	3	-	3
ST. JAMES	2	6	7	4	7
EAST & WEST ST. PAUL	-	1	-	1	-
ST. VITAL	11	6	3	4	3
TRANSCONA	-	2	3	3	-
INNER CITY	19	24	29	16	18
WINNIPEG TOTAL	54	57	57	45	48

SOURCE: Manitoba Vital Statistics registrations.
(1) Newborn deaths are defined as infant deaths from birth to less than 7 days of age.

V-3B

NEWBORN DEATH RATES (1)

WINNIPEG REGION 1978 - 1982

WINNIPEG REGION	1978	1979	1980	1981	1982
CHARLESWOOD-TUXEDO	5.0	5.3	4.9	7.8	6.6
FT. GARRY	5.3	4.9	4.8	6.5	4.6
EAST & NORTH KILDONAN	14.7	6.2	3.3	6.3	7.4
OLD & WEST KILDONAN	*	5.5	5.5	*	5.6
ST. BONIFACE	*	5.7	6.2	-	6.4
ST. JAMES	*	7.6	8.9	5.1	8.9
EAST & WEST ST. PAUL	-	*	-	*	-
ST. VITAL	14.6	8.0	4.0	5.5	4.0
TRANSCONA	-	*	9.3	10.5	-
INNER CITY	6.0	7.9	9.9	5.3	5.9
WINNIPEG TOTAL	6.6	7.0	7.1	5.5	5.9

SOURCE: Manitoba Vital Statistics registrations.
(1) Newborn death rate is defined as the rate of infant deaths from birth to less than 7 days of age per 1,000 live births.
* Not calculated due to low incidence.

NOTE: Totals may differ from those for Winnipeg in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of separate areas within Winnipeg.

V-4A

PERINATAL DEATHS (1)

WINNIPEG REGION 1978 - 1982

WINNIPEG REGION	1978	1979	1980	1981	1982
CHARLESWOOD-TUXEDO	6	7	6	9	5
FT. GARRY	8	12	7	9	3
EAST & NORTH KILDONAN	19	14	14	14	11
OLD & WEST KILDONAN	10	10	10	7	7
ST. BONIFACE	8	9	5	3	4
ST. JAMES	11	13	13	13	15
EAST & WEST ST. PAUL	-	1	-	1	-
ST. VITAL	19	11	6	11	8
TRANSCONA	-	4	4	3	3
INNER CITY	53	52	61	42	45
WINNIPEG TOTAL	134	133	126	112	101

SOURCE: Manitoba Vital Statistics registrations.
(1) Perinatal deaths are defined as foetal deaths of 20 or more weeks gestation plus infant deaths under 7 days of age.

V-4B

PERINATAL DEATH RATES (1)

WINNIPEG REGION 1978 - 1982

WINNIPEG REGION	1978	1979	1980	1981	1982
CHARLESWOOD-TUXEDO	10.0	12.2	9.8	14.0	8.2
FT. GARRY	14.0	19.4	11.0	14.5	4.6
EAST & NORTH KILDONAN	19.9	14.3	15.2	14.5	11.6
OLD & WEST KILDONAN	20.7	18.2	18.2	12.2	13.0
ST. BONIFACE	16.3	16.9	10.3	5.7	8.5
ST. JAMES	1.4	16.4	16.3	16.5	18.9
EAST & WEST ST. PAUL	-	*	*	*	-
ST. VITAL	24.9	14.6	8.0	15.0	10.5
TRANSCONA	-	12.6	12.3	10.5	10.3
INNER CITY	16.3	17.1	20.7	13.7	14.7
WINNIPEG TOTAL	16.2	16.2	15.6	13.6	12.3

SOURCE: Manitoba Vital Statistics registrations.
(1) Perinatal death rate is defined as foetal deaths of 20 or more weeks gestation plus infant deaths under 7 days of age per 1,000 total births. Total births are defined as live births plus stillbirths of 20 or more weeks gestation.
* Not calculated due to low incidence.

NOTE: Totals may differ from those for Winnipeg in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of the separate city areas within Winnipeg.

V-4C

PERINATAL DEATHS (1)

WINNIPEG REGION 1978 - 1982

WINNIPEG REGION	1978	1979	1980	1981	1982
CHARLESWOOD-TUXEDO	6	5	5	5	4
FT. GARRY	6	11	7	7	3
EAST & NORTH KILDONAN	17	10	9	12	10
OLD & WEST KILDONAN	8	5	7	4	6
ST. BONIFACE	6	7	5	3	3
ST. JAMES	7	10	13	8	11
EAST & WEST ST. PAUL	-	1	-	1	-
ST. VITAL	7	9	6	8	7
TRANSCONA	-	4	4	3	3
INNER CITY	40	46	52	35	34
WINNIPEG TOTAL	107	108	108	86	81

SOURCE: Manitoba Vital Statistics registrations.
(1) Perinatal deaths are defined as foetal deaths of 28 or more weeks gestation plus infant deaths under 7 days of age.

V-4D

PERINATAL DEATH RATES (1)

WINNIPEG REGION 1978 - 1982

WINNIPEG REGION	1978	1979	1980	1981	1982
CHARLESWOOD-TUXEDO	10.0	8.7	8.2	7.8	6.6
FT. GARRY	10.5	17.8	11.0	11.3	4.6
EAST & NORTH KILDONAN	17.8	10.2	9.8	12.4	10.6
OLD & WEST KILDONAN	16.6	9.2	12.7	7.0	11.2
ST. BONIFACE	12.2	13.2	10.3	5.7	6.3
ST. JAMES	8.9	12.6	16.3	10.2	13.9
EAST & WEST ST. PAUL	-	*	-	*	-
ST. VITAL	9.2	12.0	8.0	11.0	9.2
TRANSCONA	-	12.6	12.3	10.5	10.3
INNER CITY	12.4	15.1	17.6	11.5	11.1
WINNIPEG TOTAL	13.0	13.2	13.4	10.5	9.9

SOURCE: Manitoba Vital Statistics registrations.
(1) Perinatal death rate is defined as foetal deaths of 28 or more weeks gestation plus infant deaths under 7 days of age per 1,000 total births. Total births are defined as live births plus stillbirths of 28 or more weeks gestation.
* Not calculated due to low incidence.

NOTE: Totals may differ from those for Winnipeg in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of separate areas within Winnipeg.

V-4E

STILLBIRTHS (1)

WINNIPEG REGION 1978 - 1982

WINNIPEG REGION	1978	1979	1980	1981	1982
CHARLESWOOD-TUXEDO	3	4	3	4	1
FT. GARRY	5	9	4	5	-
EAST & NORTH KILDONAN	5	8	11	8	4
OLD & WEST KILDONAN	9	7	7	5	4
ST. BONIFACE	7	6	2	3	1
ST. JAMES	9	7	6	9	8
EAST & WEST ST. PAUL	-	-	-	-	-
ST. VITAL	8	5	3	7	5
TRANSCONA	-	2	1	-	3
INNER CITY	34	28	32	26	27
WINNIPEG TOTAL	80	76	69	67	53

SOURCE: Manitoba Vital Statistics registrations.
(1) Stillbirths are defined as foetal deaths of 20 or more weeks gestation.

V-4F

STILLBIRTH RATES (1)

WINNIPEG REGION 1978 - 1982

WINNIPEG REGION	1978	1979	1980	1981	1982
CHARLESWOOD-TUXEDO	5.0	7.0	4.9	6.2	*
FT. GARRY	8.8	14.7	6.3	8.1	-
EAST & NORTH KILDONAN	5.3	8.2	12.1	8.4	4.2
OLD & WEST KILDONAN	19.0	12.9	12.9	8.8	7.5
ST. BONIFACE	14.4	11.4	*	5.8	*
ST. JAMES	11.6	8.9	7.6	11.6	10.2
EAST & WEST ST. PAUL	-	-	-	-	-
ST. VITAL	10.6	6.7	4.0	9.7	6.6
TRANSCONA	-	*	*	-	10.4
INNER CITY	10.7	9.3	11.0	8.6	8.9
WINNIPEG TOTAL	9.8	9.3	8.6	8.2	6.5

SOURCE: Manitoba Vital Statistics registrations.
(1) Stillbirth rate is defined as foetal deaths of 20 or more weeks gestation per 1,000 live births.
* Not calculated due to low incidence.

NOTE: Totals may differ from those for Winnipeg in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of the separate city areas within Winnipeg.

V-4G

STILLBIRTHS (1)

WINNIPEG REGION 1978 - 1982

WINNIPEG REGION	1978	1979	1980	1981	1982
CHARLESWOOD-TUXEDO	3	2	2	-	-
FT. GARRY	3	8	4	3	-
EAST & NORTH KILDONAN	3	4	6	6	3
OLD & WEST KILDONAN	7	2	4	2	3
ST. BONIFACE	5	4	2	3	-
ST. JAMES	5	4	6	4	4
EAST & WEST ST. PAUL	-	-	-	-	-
ST. VITAL	6	3	3	4	4
TRANSCONA	-	2	1	-	3
INNER CITY	21	22	23	19	16
WINNIPEG TOTAL	53	51	51	41	33

SOURCE: Manitoba Vital Statistics registrations.
(1) Stillbirths are defined as foetal deaths of 28 or more weeks gestation.

V-4H

STILLBIRTH RATES (1)

WINNIPEG REGION 1978 - 1982

WINNIPEG REGION	1978	1979	1980	1981	1982
CHARLESWOOD-TUXEDO	5.0	*	*	-	-
FT. GARRY	5.3	13.1	6.3	4.9	-
EAST & NORTH KILDONAN	3.2	4.1	6.6	6.3	3.2
OLD & WEST KILDONAN	14.8	*	7.4	*	5.6
ST. BONIFACE	10.3	7.6	*	5.8	-
ST. JAMES	6.5	5.1	7.6	5.1	5.1
EAST & WEST ST. PAUL	-	-	-	-	-
ST. VITAL	8.0	4.0	4.0	5.5	5.3
TRANSCONA	-	*	*	-	10.4
INNER CITY	6.6	7.3	7.9	6.3	5.3
WINNIPEG TOTAL	6.5	6.3	6.4	5.0	4.1

SOURCE: Manitoba Vital Statistics registrations.
(1) Stillbirth rate is defined as foetal deaths of 28 or more weeks gestation per 1,000 live births.
* Not calculated due to low incidence.

NOTE: Totals may differ from those for Winnipeg in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of separate areas within Winnipeg.

V-5A

NEONATAL DEATHS (1)

WINNIPEG REGION 1978 - 1982

WINNIPEG REGION	1978	1979	1980	1981	1982
CHARLESWOOD-TUXEDO	3	3	3	5	5
FT. GARRY	4	3	4	4	3
EAST & NORTH KILDONAN	15	7	4	7	7
OLD & WEST KILDONAN	1	4	3	4	4
ST. BONIFACE	1	4	3	-	4
ST. JAMES	3	6	7	4	7
EAST & WEST ST. PAUL	-	1	-	1	-
ST. VITAL	14	6	4	4	4
TRANSCONA	1	2	4	4	-
INNER CITY	24	31	31	20	24
WINNIPEG TOTAL	66	67	63	53	58

SOURCE: Manitoba Vital Statistics registrations.
(1) Neonatal deaths are defined as infant deaths under 28 days of age, excluding stillbirths.

V-5B

NEONATAL DEATH RATES (1)

WINNIPEG REGION 1978 - 1982

WINNIPEG REGION	1978	1979	1980	1981	1982
CHARLESWOOD-TUXEDO	5.0	5.3	4.9	7.8	8.3
FT. GARRY	7.1	4.9	6.3	6.5	4.6
EAST & NORTH KILDONAN	15.8	7.2	4.4	7.3	7.4
OLD & WEST KILDONAN	*	7.4	5.5	7.1	7.5
ST. BONIFACE	*	7.6	6.2	-	8.5
ST. JAMES	3.9	7.6	8.9	5.1	8.9
EAST & WEST ST. PAUL	-	*	-	*	-
ST. VITAL	18.6	8.0	5.4	5.5	5.3
TRANSCONA	*	*	12.4	13.9	-
INNER CITY	7.5	10.3	10.6	6.6	7.9
WINNIPEG TOTAL	8.1	8.2	7.9	6.5	7.1

SOURCE: Manitoba Vital Statistics registrations.
(1) Neonatal death rate is defined as infant deaths under 28 days of age, excluding stillbirths, per 1,000 live births.
* Not calculated due to low incidence.

NOTE: Totals may differ from Winnipeg Region in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of the separate city areas within Winnipeg.

V-6A

POST-NEONATAL DEATHS (1)

WINNIPEG REGION 1978 - 1982

WINNIPEG REGION	1978	1979	1980	1981	1982
CHARLESWOOD-TUXEDO	1	1	1	1	2
FT. GARRY	1	3	1	3	-
EAST & NORTH KILDONAN	2	3	-	1	1
OLD & WEST KILDONAN	1	-	2	-	1
ST. BONIFACE	3	2	3	2	1
ST. JAMES	3	5	2	1	-
EAST & WEST ST. PAUL	-	-	1	-	-
ST. VITAL	2	2	2	2	1
TRANSCONA	-	1	1	2	1
INNER CITY	14	7	11	14	7
WINNIPEG TOTAL	27	24	24	26	14

SOURCE: Manitoba Vital Statistics registrations.
(1) Post-neonatal deaths are defined as infant deaths from 28 days to under 1 year of age.

V-6B

POST-NEONATAL DEATH RATES (1)

WINNIPEG REGION 1978 - 1982

WINNIPEG REGION	1978	1979	1980	1981	1982
CHARLESWOOD-TUXEDO	*	*	*	*	*
FT. GARRY	*	4.9	*	4.9	-
EAST & NORTH KILDONAN	*	3.1	-	*	*
OLD & WEST KILDONAN	*	-	*	-	*
ST. BONIFACE	6.2	*	6.2	*	*
ST. JAMES	3.9	6.3	*	*	-
EAST & WEST ST. PAUL	-	-	*	-	-
ST. VITAL	*	*	*	*	*
TRANSCONA	-	*	*	*	*
INNER CITY	4.4	2.3	3.8	4.6	2.3
WINNIPEG TOTAL	3.3	2.9	3.0	3.2	1.7

SOURCE: Manitoba Vital Statistics registrations.
(1) Post-neonatal death rate is defined as infant deaths from 28 days to under 1 year of age per 1,000 live births.
* Not calculated due to low incidence.

NOTE: Totals may differ from Winnipeg Region in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of the separate city areas within Winnipeg.

POST NEONATAL DEATHS (1) BY CAUSE (2)

AND WINNIPEG AREA 1982

REGION / CAUSE OF DEATH	LOWER RESPIRATORY	OTHER RESPIRATORY	CONGENITAL ANOMALIES	BIRTH INJURY	GASTRO-INTESTINAL	SYMPTOMS & ILL DEFINED	OTHER CAUSES	TOTAL
CHARLESWOOD TUXEDO	1	-	-	-	-	-	1	2
FT. GARRY	-	-	-	-	-	-	-	-
KILDONAN (EAST & NORTH)	-	-	-	-	-	1	-	1
KILDONAN (OLD & WEST)	-	-	1	-	-	-	-	1
ST. BONIFACE	-	-	-	-	-	1	-	1
ST. JAMES	-	-	-	-	-	-	-	-
ST. PAUL (EAST & WEST)	-	-	-	-	-	-	-	-
ST. VITAL	-	-	-	-	-	1	-	1
TRANSCONA	-	-	1	-	-	-	-	1
WINNIPEG INNER CITY	-	1	-	-	1	4	1	7
TOTAL	1	1	2	-	1	7	2	14

SOURCE: Manitoba Vital Statistics registrations.

(1) Post neonatal deaths are defined as infant deaths from 28 days to under 1 year of age.

(2) Cause of death has been aggregated from the Manual of the International Statistical Classification of Diseases Injuries, and Causes of Death (Ninth Revision), World Health Organization, Volume 1, 1977 as follows: Lower Respiratory (480-483, 485-492); Other Respiratory (768, 769, 770); Congenital Anomalies (740-759); Birth Injury (767); Gastro-Intestinal (004-009 535, 555, 556, 558, 562, 564, 565, 566, 567.2, 567.9, 568, 569); Symptoms and Ill-Defined Conditions (780-796, 798, 799).

V-8A

DEATHS UNDER 1 YEAR OF AGE BY WINNIPEG AREAS AND BY

SELECTED AGES 1980

REGION	LESS THAN 1 DAY	1 TO LESS THAN 3 DAYS	3 TO LESS THAN 7 DAYS	7 TO LESS THAN 15 DAYS	15 TO LESS THAN 28 DAYS	28 DAYS TO LESS THAN 3 MONTHS	3 MONTHS TO LESS THAN 6 MONTHS	6 MONTHS TO LESS THAN 12 MONTHS
CHARLESWOOD-TUXEDO	-	-	4	-	1	-	-	2
FT. GARRY	2	1	-	-	-	-	-	-
KILDONAN (EAST & NORTH)	5	1	1	-	-	-	1	-
KILDONAN (OLD & WEST)	1	-	2	1	-	-	1	-
ST. BONIFACE	1	1	1	1	-	1	-	-
ST. JAMES	7	-	-	-	-	-	-	-
ST. PAUL (EAST & WEST)	-	-	-	-	-	-	-	-
ST. VITAL	3	-	-	1	-	-	1	-
TRANSCONA	-	-	-	-	-	-	1	-
WINNIPEG - INNER CITY	15	2	1	3	3	3	3	1
WINNIPEG TOTAL	34	5	9	6	4	4	7	3

SOURCE: Manitoba Vital Statistics registrations.

(1)
DEATH RATES UNDER 1 YEAR OF AGE BY WINNIPEG AREAS AND BY SELECTED AGES 1982

REGION	LESS THAN 1 DAY	1 TO LESS THAN 3 DAYS	3 TO LESS THAN 15 DAYS	7 TO LESS THAN 15 DAYS	15 TO LESS THAN 28 DAYS	28 DAYS TO LESS THAN 3 MONTHS	3 MONTHS TO LESS THAN 6 MONTHS	6 MONTHS TO LESS THAN 12 MONTHS
CHARLESWOOD-TUXEDO	-	-	6.6	-	*	-	-	*
FT. GARRY	*	*	-	-	-	-	-	-
KILDONAN (EAST & NORTH)	5.3	*	*	-	-	-	*	-
KILDONAN (OLD & WEST)	*	-	*	*	-	-	*	-
ST. BONIFACE	*	*	*	*	-	*	-	-
ST. JAMES	8.9	-	-	-	-	-	-	-
ST. PAUL (EAST & WEST)	-	-	-	-	-	-	-	-
ST. VITAL	4.0	-	-	*	-	-	*	-
TRANSCONA	-	-	-	-	-	-	*	-
WINNIPEG - INNER CITY	4.9	*	*	1.0	1.0	1.0	1.0	*
WINNIPEG TOTAL	4.2	0.6	1.1	0.7	0.5	0.5	0.9	0.4

SOURCE: Manitoba Vital Statistics registrations.
(1) All rates are defined as rate per 1,000 live births.
* Not calculated due to low incidence.

SELECTED VITAL STATISTICS RATES (1) BY MANITOBA HEALTH AND COMMUNITY SERVICE REGION OF RESIDENCE 1982

VITAL STATISTICS REGION	POPULATION	LIVE BIRTH RATE (2)	STILLBIRTH DEATH RATE (3)	FIRST DAY DEATH RATE	NEWBORN DEATH RATE	PERINATAL DEATH RATE (4)	NEONATAL DEATH RATE	POST NEONATAL DEATH RATE	INFANT DEATH RATE
CENTRAL	89,983	17.1	7.2	2.0	5.2	12.3	6.5	2.0	8.5
EASTMAN	69,118	17.3	5.9	5.0	5.9	11.6	7.5	*	8.4
INTERLAKE	61,213	12.2	5.3	-	-	5.3	*	4.0	5.3
NORMAN	21,941	18.5	7.4	*	*	9.8	*	*	*
PARKLANDS	45,128	12.3	*	5.4	7.2	10.8	9.0	-	9.0
THOMPSON	21,258	21.5	6.6	*	*	10.8	*	*	6.6
WESTMAN	117,993	14.2	4.2	3.0	3.6	7.7	5.3	4.2	9.5
WINNIPEG	601,064	13.5	6.5	4.2	5.9	12.3	7.1	1.7	8.9
I.R. & U.T.	58,411	22.2	7.0	2.3	4.6	11.5	7.7	3.9	11.6
MANITOBA TOTAL	1,086,109	14.7	6.2	3.5	5.1	11.2	6.6	2.2	8.7

SOURCES: Manitoba Health Services Commission population records.
Manitoba Vital Statistics registrations.

(1) Unless otherwise indicated rates are per 1,000 live births.
(2) Live birth rate is defined as the rate of live births per 1,000 population.
(3) Stillbirths are defined as foetal deaths of 20 or more weeks gestation.
(4) Perinatal death rate is defined as foetal deaths of 20 or more weeks gestation plus infant deaths under 7 days of age per 1,000 total births.

* Not calculated due to low incidence.

SELECTED VITAL STATISTICS* BY INFANT WEIGHT AT BIRTH 1982

VITAL STATISTICS / WT. GRAMS	STILLBIRTHS	NEWBORN DEATHS	TOTAL PERINATAL DEATHS	LIVE BIRTHS	TOTAL BIRTHS	STILLBIRTH RATE	NEWBORN DEATH RATE	PERINATAL DEATH RATE
<1500	47	49	96	143	190	328.7	342.7	505.3
1500 - <2000	7	13	20	193	200	36.3	67.4	100.0
2000 - <2500	7	3	10	528	535	13.3	5.7	18.7
2500 - <3000	9	7	16	2134	2143	4.2	3.3	7.5
3000 - <3500	11	4	15	5677	5688	1.9	0.7	2.6
3500+	7	3	10	7326	7333	1.0	0.4	1.4
TOTAL	99 (1)	82 (2)	181 (3)	16013 (4)	16089 (5)	6.2	5.1	11.2

SOURCE: Manitoba Vital Statistics registrations.

* Data are for Manitoba residents only. See glossary for definitions. For stillbirths and perinatal deaths, foetal deaths of 20 or more weeks gestation are used.

(1) Includes 11 stillbirths not categorized by weight at birth.
(2) Includes 3 births not categorized by weight at birth.
(3) Includes 14 births not categorized by weight.
(4) Includes 12 births not categorized by weight.
(5) Includes 23 births not categorized by weight.

VI-2B

SELECTED VITAL STATISTICS* BY PARITY 1982

VITAL STATISTICS / PARITY	STILLBIRTHS	NEWBORN DEATHS	TOTAL PERINATAL DEATHS	LIVE BIRTHS	TOTAL BIRTHS	STILLBIRTH RATE	NEWBORN DEATH RATE	PERINATAL DEATH RATE
1	44	33	77	6437	6481	6.8	5.1	11.9
2	20	21	41	5240	5260	3.8	4.0	7.8
3	15	17	32	2482	2497	6.0	6.8	12.8
4	5	5	10	971	976	5.1	5.1	10.2
5	5	1	6	360	365	13.9	**	16.4
6	2	1	3	176	178	**	**	16.9
7	2	-	2	91	93	**	-	**
8+	2	1	3	113	115	**	**	26.1
TOTAL	95	79	174	15870	15965	6.0	5.0	10.9

SOURCE: Manitoba Vital Statistics registrations.

* Data are for Manitoba residents only. See glossary for definitions. For stillbirths and perinatal deaths, foetal deaths of 20 or more weeks gestation are used.
The counts and rates presented here differ from those in part IV as these are presented by characteristics of mothers and not infants.

** Not calculated due to low incidence.

SELECTED VITAL STATISTICS* BY MOTHERS AGE 1982

AGE (VITAL STATISTICS)	STILLBIRTHS	NEWBORN DEATHS	TOTAL PERINATAL DEATHS	LIVE BIRTHS	TOTAL BIRTHS	STILLBIRTHS DEATH RATES	NEWBORN DEATH RATES	PERINATAL DEATH RATES
<15	1	1	2	34	35	**	**	**
15 - 16	1	2	3	259	260	**	**	11.5
17	7	-	7	382	389	18.3	-	18.0
18 - 19	11	5	16	1134	1145	9.7	4.4	14.0
20 - 24	34	33	67	4874	4908	7.0	6.8	13.7
25 - 29	20	25	45	5634	5654	3.5	4.4	8.0
30 - 34	15	9	24	2730	2745	5.5	3.3	8.7
35 - 39	5	2	7	709	714	7.1	**	9.8
40 - 44	1	2	3	103	104	**	**	28.8
45 - 49	-	-	-	10	10	-	-	-
TOTAL	95	79	174	15869 (1)	15964	6.0	5.0	10.9

SOURCE: Manitoba Vital Statistics registrations.

* Data are for Manitoba residents only. See glossary for definitions. For stillbirths and perinatal deaths foetal deaths of 20 or more weeks gestation are used.
The counts and rates presented here differ from those in part IV as these are presented by characteristics of mothers and not infants.

** Not calculated due to low incidence.

(1) Missing 1 observation not categorized by mother's age at birth.

VI-3A

PERCENTAGE DISTRIBUTION OF LIVE BIRTHS BY BIRTH WEIGHT (1) AND

MANITOBA HEALTH AND COMMUNITY SERVICES REGIONS 1982

REGION / WEIGHT (GMS.)	LESS THAN 1500	1500 TO LESS THAN 2000	2000 TO LESS THAN 2500	2500 TO LESS THAN 3000	3000 TO LESS THAN 3500	3500+	TOTAL LIVE BIRTHS	MEAN WEIGHT (GMS.)
CENTRAL	0.6	1.3	2.4	11.4	34.7	49.6	1536	3481.8
EASTMAN	0.7	1.0	3.2	12.3	35.1	47.8	1195	3447.7
INTERLAKE	0.7	1.1	2.8	10.8	33.2	50.1	749	3487.9
NORMAN	0.5	0.2	3.0	12.3	38.0	45.9	405	3444.5
PARKLANDS	0.9	1.1	2.5	8.7	36.6	50.2	554	3492.3
THOMPSON	1.5	1.1	2.6	15.9	33.6	45.2	458	3403.9
WESTMAN	0.9	1.2	2.6	10.2	34.0	51.1	1684	3482.9
WINNIPEG	0.9	1.1	3.7	14.7	36.5	43.0	8130	3384.3
I.R. & U.T.	1.3	2.2	3.8	14.9	33.0	44.8	1290	3390.0
MANITOBA TOTAL	0.9	1.2	3.3	13.3	35.5	45.8	16001 (2)	3419.9

SOURCE: Manitoba Vital Statistics registrations.
(1) Data are for Manitoba residents only.
(2) 12 missing - not categorized by weight.

VI-3B

PERCENTAGE DISTRIBUTION OF MOTHERS BY PARITY (1) AND HEALTH & COMMUNITY SERVICES REGIONS 1982

REGION \ PARITY	1	2	3	4	5	6	7	8+	TOTAL MOTHERS
CENTRAL	37.5	30.6	18.0	7.2	2.6	1.9	0.9	1.2	1518
EASTMAN	34.9	32.3	18.9	7.0	3.0	1.9	1.1	0.8	1181
INTERLAKE	39.7	31.8	17.8	6.1	3.1	0.7	0.1	0.8	743
NORMAN	38.0	33.7	18.4	6.2	2.5	1.0	-	0.3	403
PARKLANDS	32.9	33.8	18.8	8.2	4.6	0.7	-	0.9	547
THOMPSON	37.2	33.6	17.5	5.5	3.8	0.7	1.5	0.2	452
WESTMAN	39.5	33.0	17.1	5.9	2.0	0.8	0.9	0.8	1673
WINNIPEG	44.5	34.9	13.7	4.8	1.1	0.7	0.2	0.2	8070
I.R. & U.T.	31.8	24.9	16.2	12.0	6.6	3.3	2.0	3.1	1283
MANITOBA TOTAL	40.6	33.0	15.6	6.1	2.3	1.1	0.6	0.7	15870

SOURCE: Manitoba Vital Statistics registrations.
(1) Data are for Manitoba residents only.

VI-3C

PERCENTAGE DISTRIBUTION OF MOTHERS BY AGE (1) AND

MANITOBA HEALTH & COMMUNITY SERVICES REGION 1982

REGION / AGE	<15	15-16	17	18-19	20-24	25-29	30-34	35-39	40-44	45-49	TOTAL MOTHERS
CENTRAL	0.1	0.7	2.0	6.2	33.1	37.4	15.0	4.5	0.9	0.1	1518
EASTMAN	-	0.5	0.9	6.0	30.6	38.8	17.1	4.8	1.2	0.1	1181
INTERLAKE	0.1	1.3	3.1	7.4	32.7	35.1	14.5	4.8	0.7	0.1	743
NORMAN	0.2	2.0	3.2	12.2	36.7	31.3	11.7	2.7	-	-	403
PARKLANDS	0.2	1.6	3.3	8.0	37.1	29.4	15.5	4.2	0.2	0.4	547
THOMPSON	-	1.8	2.0	10.2	38.1	32.5	12.8	2.4	0.2	-	452
WESTMAN	0.1	1.1	1.9	5.9	32.2	38.6	16.0	3.5	0.6	0.2	1673
WINNIPEG	0.2	1.3	1.8	5.7	27.8	37.5	20.1	5.1	0.6	-	8069 (2)
I.R. & U.T.	1.2	6.5	7.8	17.1	36.2	18.9	9.2	2.3	0.9	0.1	1283
MANITOBA TOTAL	0.2	1.6	2.4	7.1	30.7	35.5	17.2	4.5	0.6	0.1	15869 (2)

SOURCE: Manitoba Vital Statistics registrations.
(1) Data are for Manitoba residents only.
(2) Missing 1 mother.

NUMBER OF LIVE BIRTHS AND PERCENTAGE DISTRIBUTION 1982

A. REGION VS. BIRTH WEIGHT

WT (GMS)	<2000		2000 - 3499		3500+		TOTAL
REGION	#	%	#	%	#	%	#
WINNIPEG	167	2.1	4465	54.9	3498	43.0	8130
OTHER REGIONS	124	1.9	3207	48.7	3250	49.4	6581
I.R. & U.T.	45	3.5	667	51.7	578	44.8	1290
MANITOBA	336	2.1	8339	52.1	7326	45.8	16001 (1)

(1) 12 missing - not categorized by weight.

B. REGION VS. PARITY (1)

PARITY	1		2 - 4		5+		TOTAL
REGION	#	%	#	%	#	%	#
WINNIPEG	3591	44.5	4303	53.3	176	2.2	8070
OTHER REGIONS	2438	37.4	3709	56.9	370	5.7	6517
I.R. & U.T.	408	31.8	681	53.1	194	15.1	1283
MANITOBA	6437	40.6	8693	54.8	740	4.7	15870

(1) Parity is defined as the total number of births, current and previous, and live and still, by an individual mother.

C. REGION VS. MOTHER'S AGE

AGE	<20		20 - 34		35+		TOTAL
REGION	#	%	#	%	#	%	#
WINNIPEG	724	9.0	6883	85.3	462	5.7	8069
OTHER REGIONS	668	10.3	5531	84.9	318	4.9	6517
I.R. & U.T.	417	32.5	824	64.2	42	3.3	1283
MANITOBA	1809	11.4	13238	83.4	822	5.2	15869 (1)

(1) One missing - not categorized by age.

SOURCE: Manitoba Vital Statistics registrations.

Totals do not agree between parts B and C because of missing date on mother's age. In Manitoba a total of 16,377 women gave birth to a live infant, with 15,870 of them being Manitoba residents.

DEATHS (1) UNDER ONE YEAR OF AGE BY HEALTH & COMMUNITY SERVICES REGIONS 1982

REGION	AGE LESS THAN 1 DAY	LESS THAN 3 DAYS	LESS THAN 7 DAYS	7 TO LESS THAN 15 DAYS	15 TO LESS THAN 28 DAYS	28 DAYS TO LESS THAN 3 MONTHS	3 TO LESS THAN 6 MONTHS	6 TO LESS THAN 12 MONTHS
CENTRAL	3	4	1	1	1	2	1	-
EASTMAN	6	-	1	1	1	-	-	1
INTERLAKE	-	-	-	1	-	2	1	-
NORMAN	1	-	-	-	-	-	1	-
PARKLANDS	3	1	-	-	1	-	-	-
THOMPSON	1	1	-	-	-	1	-	-
WESTMAN	5	1	-	2	1	1	5	1
WINNIPEG	34	5	9	6	4	4	7	3
I.R. & U.T.	3	2	1	2	2	2	2	1
MANITOBA TOTAL	56	14	12	13	10	12	17	6

SOURCE: Manitoba Vital Statistics registrations.
(1) Manitobans only.

DEATH RATES (1) UNDER ONE YEAR OF AGE BY HEALTH AND COMMUNITY SERVICES REGIONS 1982

REGION	AGE LESS THAN 1 DAY	1 TO LESS THAN 3 DAYS	3 TO LESS THAN 7 DAYS	7 TO LESS THAN 15 DAYS	15 TO LESS THAN 28 DAYS	28 DAYS TO LESS THAN 3 MONTHS	3 TO LESS THAN 6 MONTHS	6 TO LESS THAN 12 MONTHS
CENTRAL	1.5	1.5	*	*	*	*	*	-
EASTMAN	5.0	-	*	*	*	-	-	*
INTERLAKE	-	-	-	*	-	*	*	-
NORMAN	*	-	-	-	-	-	*	-
PARKLANDS	5.4	*	-	-	*	-	-	-
THOMPSON	*	*	-	-	-	*	-	-
WESTMAN	3.0	*	-	*	*	*	3.0	*
WINNIPEG	4.2	0.6	1.1	0.7	0.5	0.5	0.9	0.4
I.R. & U.T.	2.3	*	*	*	*	*	*	*
MANITOBA TOTAL	3.5	0.9	0.7	0.8	0.6	0.7	1.1	0.4

SOURCE: Manitoba Vital Statistics registrations.
(1) All rates are defined as rate per 1,000 live births.
* Not calculated due to low incidence.

POOR

QUALITY

ORIGINAL